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[PDF] [A toolkit for user-level file systems](#)

[psu.edu](#) [PDF]

D Mazieres - Proc. Usenix Technical Conference, 2001 - Citeseer

... It lets the file system developer build a new file system by **emulating** an NFS server. ... network I/O per- mits highly efficient **software** in many situations, but any synchronous **disk** I/O ... simple tasks are actually quite diffi- cult to implement correctly in privileged **software**—for instance ...

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[Linux on the System/390](#)

[sagecertification.org](#) [PS]

A Thornton - USENIX Association. Proceedings of the 4th Annual ..., 2000 - usenix.org

... You could also build a cross-compilation environment and port **software** that way ... Once you have a G2-or-later System/390, either real or **emulated**, with a few hundred megabytes ... files in place; for SuSE, it's just like every other SuSE installation: mount the CD-image somewhere ...

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[PDF] [Using secure coprocessors](#)

[psu.edu](#) [PDF]

B Yee - 1994 - Citeseer

... Chapter 7 shows how both the secure coprocessor hardware and system **software** may be verified, and ... data anyway or ensure that we can erase the paging data from the **disk** before shutting ... to memory traffic, or use an in-circuit **emulator** to replace the host processor and force ...

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[BOOK] [Modern operating systems](#)

[sytes.net](#) [PDF]

AS Tanenbaum, A Tannenbaum - 2001 - sources.sytes.net

... 11.4.4 MS-DOS **Emulation** 11.4.5 Booting Windows 2000 ... **software**, called the microprogram. ... For example, a **disk** can be commanded to read by loading the values of the **disk** address, main memory address, byte count, and direction (**read** or **write**) into its registers. ...

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[PDF] [A model and prototype of VMS using the Mach 3.0 kernel](#)

[sture.ch](#) [PDF]

CA Wiecek, CG Kaler, S Fiorelli, WC Davenport, ... - Proceedings of the ..., 1992 - sture.ch

... This led us to develop a three-phase **software** build process. ... This allowed us to generate images that do not overlap the process server or the Mach UNIX **emulator**, and that are ... The I/O server provides **disk** I/O that is used by image activation, the file-mapped memory server, and ...

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[PDF] The Exokernel **operating system** architecture

[psu.edu](#) [PDF]

DR Engler - 1998 - Citeseer

... completely different libOSes can simultaneously run on the same system and safely share resources such as **disk** blocks and ... VMs) are an OS structure in which a privileged virtual machine monitor (VMM) isolates less privileged **software** in **emulated** ... **Emulation** hides information ...

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[PDF] The Impact of **Software** Structure and Policy on CPU and Memory System Performance

[psu.edu](#) [PDF]

JB Chen, BN Bershad, DP Siewiorek, TR Gross - 1994 - Citeseer

... this thesis includes a discussion of two system policy issues — **disk** management and ... They also explored tradeoffs for hardware, **software**, and hybrid methods for event collection and ... interface [35], together with a user-level transparent **emulation** library, which is a shared ...

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[HTML] A Linux Appliance Construction Set

[usenix.org](#) [HTML]

MW Shaffer - Proceedings of the fourteenth systems administration ..., 2000 - usenix.org

... do at boot time is map this file on the CD to an 'emulated floppy' and ... Linux Distributions Page;

http://dir.yahoo.com/Computers_and_Internet/Software/Operating_Systems/Unix/Linux/

Distributions ... The only non-standard tool included with LPA-CD is cryptwd which is a small utility ...

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Displaying windowing application programs on a terminal

R Buswell, FC Waibel, B Gay, SM Lam, Y Wey, C ... - 2002 - freepatentsonline.com


... Address], 24h [Critical Error Handler Vector], 25h [Absolute **Disk Read**], 26h [Absolute **Disk Write**], and 2Fh ... For the ICA **emulation**, the kernel sends a signal to the Citrix application to redraw ... 3. After the entire image is downloaded to RAM, the inventive **software** will unbundle the ...

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[CITATION] A toolkit for user-level file systems

DM Eres - In Proc. Usenix Technical Conference, 2001

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Technique for reliable network booting of an **operating system** to a **client** computer

Y Klimenko - US Patent 5,974,547, 1999 - Google Patents

... Each such request is processed, to provide physical sector **read** or **write** access, through my inventive random access trivial file transfer protocol ... Hence, **client** hard **disk emulation** occurs seamlessly and continuously throughout the entire **boot** process even though ...

Cited by 34 - [Related articles](#) - [All 2 versions](#)Method and apparatus for remotely booting a **client** computer from a network by **emulating** remote **boot** chips

D Sposato - US Patent 6,463,530, 2002 - Google Patents

... versatility than NPT's because they have a built-in capability to run **emulation software** and to ... The **software** implementations differ 65 between vendors, but theoretically, they all perform similar functions ... from a nonvolatile, **read/write** memory, such as 15 a diskette or hard **disk**. ...

Cited by 7 - [Related articles](#) - [All 2 versions](#)Simics: A full system simulation platform

PS Magnusson, M Christensson, J Eskilson, D ... - COMPUTER,, 2002 - computer.org

... The configuration system implements checkpoints by saving all objects and their attributes to **disk** in a mostly human-readable text format. ... His technical interests include simulation, virtual machines, **emulation**, binary translation, and advanced **software** engineering. ...

Cited by 796 - [Related articles](#) - [BL Direct](#) - [All 10 versions](#)The interaction of architecture and **operating system** design

TE Anderson, HM Levy, BN Bershad, ED ... - ACM SIGPLAN ..., 1991 - portal.acm.org

... the **operating system's** appetite for memory bandwidth and disk performance. ... For **software**, we began with the vendor-supplied Unix ... able to **boot** Unix and would still maintain the standard conventions for register usage between the compiler, operat- ...

Cited by 235 - [Related articles](#) - [All 46 versions](#)Generic **operating system** usage in a remote initial program load environment

LF Davis Jr, JL Magnuson, MA Rothman - US Patent 6,334,149, 2001 - Google Patents

... versatility than NPT's because they have a built-in capability to run **emulation software** and to ... The **software** implementations differ between vendors, but theoretically, they all perform similar

[psu.edu](#) [PDF]

functions and go ... it requires all of the low-level data normally contained on a floppy **disk**. ...

[Cited by 6](#) - [Related articles](#) - [All 2 versions](#)

Experiences with the Amoeba distributed **operating system**

[psu.edu](#) [PDF]

AS Tanenbaum, R Van Renesse, H Van ... - ... of the ACM, 1990 - portal.acm.org

... Third are the specialized servers, such as directory servers, file serv- ers, database servers, **boot** servers, and ... That thread first checks an internal (**software**) cache to see if the needed **data** are pres- ent ... While waiting for the reply from the **disk**, the thread is blocked and will not be ...

[Cited by 443](#) - [Related articles](#) - [All 77 versions](#)

The Flux OSKit: A substrate for kernel and language research

[utah.edu](#) [HTML]

B Ford, G Back, G Benson, J Lepreau, A ... - Proceedings of the ..., 1997 - portal.acm.org

... will call it with any arguments and environment variables passed by the **boot loader**. ... At its lowest level, COM is merely a language-independent protocol allowing **software** components within ... **write**; however, an object representing a buffered **disk** device or a RAM **disk** could also ...

[Cited by 326](#) - [Related articles](#) - [BL Direct](#) - [All 13 versions](#)

Computer **operating system** using compressed ROM image in RAM

CJ Esfahani, PM Resch, R Hochsprung, ... - US Patent App. 10/ ..., 2002 - Google Patents

... in memory, calls kernel ^609 kernel fills in **data structure**, calls 68K **emulator** 68K **emulator** initializes itself ... [0028] **Boot** Info file 40 may be initially stored on a **disk** or other ... As a result, the improved OS (with an appropriate version of debugging **software**, such as Apple MacsBug ...

[Cited by 10](#) - [Related articles](#) - [All 4 versions](#)

System for transparently identifying and matching an input/output profile to optimal input/output device parameters

WA Long - US Patent 5,890,014, 1999 - Google Patents

... An I/O **emulator** and charac- terization program determines various optimized perfor- mance setting parameters ... the performance of a data storage device, and more particularly to a **software** based device ... set file, and provide an initial pre-tuned parameter set to a **disk** drive upon ...

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MMLite: a highly componentized system architecture

[psu.edu](#) [PDF]

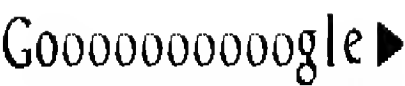
J Helander, A Forin - Proceedings of the 8th ACM SIGOPS ..., 1998 - portal.acm.org

... In a minimal system all applications share the same **boot namespace**. ... A dynamic **software** upgrade would replace the incorrect implementation of a method with the corrected one. ... In one configuration on the x86 we used minimal floppy and **disk drivers** that called BIOS (ROM ...

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1. [Bart's Preinstalled Environment \(BartPE\) bootable live windows CD/DVD](#)

Now we can boot from a CD-Rom and have full read/write access to NTFS volumes! ... any type of dos-based boot disk, even when using network support and ntfsdos: ... have license coverage for Microsoft Windows operating system (OS) Upgrades via a ... The tools needed to make a BartPE installation are free software. ... [www.nu2.nu/pebuilder/](#) - [Cached](#) - [Similar](#)

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1. [boot disk software](#)

Boot up Any Computers,
Fix Windows Automatically!
[Spotmau.com](#)

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2. [Virtual drive - Wikipedia, the free encyclopedia](#)

A virtual drive in computing is a device that to the operating system ... An emulated drive is typically created either in RAM for fast read/write access (known ... Online data and bootable recovery CD images are provided for customers of ... the fly disk encryption ("OTFE") software such as FreeOTFE and TrueCrypt, ... [en.wikipedia.org/wiki/Virtual_drive](#) - [Cached](#) - [Similar](#)

3. [Computer virus - Wikipedia, the free encyclopedia](#)

In that novel, a sentient computer named HARLIE writes virus software to retrieve damaging ... while others installed themselves into the disk boot sector, To avoid being detected by emulation, some viruses rewrite themselves Reinstalling the operating system is another approach to virus removal. ... [en.wikipedia.org/wiki/Computer_virus](#) - [Cached](#) - [Similar](#)

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4. [Operating Systems: Win/Unix on Mac, Mac on Others,](#)

[Jump to PC Emulators \(virtual machines\) for Mac OS X on Intel-based Macs](#)• The software launches in Windows ... The cable can move the

Windows **operating system** itself, ... and on-the-fly resizing of virtual ... to Mac OS X while in **Boot Camp**. ... VirtualBox also supports VMDK virtual disk format used by VMware. ...

www.macwindows.com/emulator.html - [Cached](#) - [Similar](#)

5. Solaris Operating System - Data Sheet - Solaris ZFS

To ensure that the data on **disk** is self-consistent at all times, Solaris ZFS ... and can adapt its read behavior on the fly for more complex access patterns. To eliminate bottlenecks and increase the speed of both **reads** and **writes**, ... Solaris ZFS provides the Zvol volume **emulator**, which delivers all of the ...

www.sun.com/software/solaris/ds/zfs.jsp - [Cached](#) - [Similar](#)

6. Freebyte! - Your Guide to the Web. Freeware, shareware, clipart ...

Free **disk** catalog programs, free compression, split and zip **programs**, ... and DVD utilities, file formats and file extensions, file-system drivers, **boot disks**. ... Java-based operating systems, **operating system** projects and development. ... It enables simultaneous read/write access to one or more shared databases. ...

www.freebyte.com/ - [Cached](#) - [Similar](#)

7. Hirens **Boot** CD 10.02 » Free Downloads RapidShare Megaupload ...

Nov 21, 2009 ... It is a **Bootable** CD; thus, it can be useful even if the primary **operating system** cannot be **booted**. Hiren's **Boot** CD has an extensive list of **software**. On-the-fly **disk** encryption tool, can create a virtual encrypted **disk** within a file and ... To access NTFS, Ext2FS, Ext3FS partitions from dos ...

win7dl.com › Software - [Cached](#) - [Similar](#)

8. EnCase Enterprise

(It appears as a network share to the local **operating system** but the ... EnCase Physical **Disk Emulator***. Mounts images of hard drives or CDs as read-only local drives. ... When using VMware, PDE enables the examiner to **boot** and interact with ... Safely acquire IDE hard drives, using common read/write PnP adaptors. ...

www.encaseenterprise.com/products/ef_modules.asp - [Cached](#) - [Similar](#)

9. Creating and Using Optical Media (CDs)

Some **boot** loaders, like the one used by the FreeBSD distribution **disks**, do not use **emulation** mode; in this case, the -no-emul-boot option should be used. but the FreeBSD CD9660 driver is able to convert Unicode characters on the fly. ... Such a CDROM cannot be read under any **operating system** except FreeBSD. ...

www.freebsd.org/doc/en/books/handbook/creating-cds.html - [Cached](#) - [Similar](#)

10. BootDisk.info | The web resource for bootable Media

(The Windows setup **program writes** the MBR to the first sector on the hard ... If you are new to DOS, we recommend you use an **emulator** to install and **boot** FreeDOS. ... cd-writer or hard **disk** works wonders as long as your **operating system** is in ... **Booting** from good old MS-DOS or Windows **boot diskettes** - even fitted ...
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1. [WinCE .NET & WIN XP 介绍 百度文库](#)

May 20, 2010 ... **NET Operating System** Native and Managed Applications Native Applications ... Kerberos Authentication protocol Internet firewall Faster **boot** and log-on ... Magnetic **Disk** Nonvolatile **Read**-only storage devices such as ROM, CD-ROM. ... MMC Active Directory **Client** Remote OS Install Terminal Services Real ...
wenku.baidu.com/view/37d1172b3169a4517723a38b.html - 10 hours ago

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2. [usermanual - Etherboot/gPXE Wiki](#)

Jul 21, 2006 ... It's fairly easy to **write** a **driver** if you know C and are This allows the **server** to identify Etherboot **clients** and ignore all others. (PCI NICs do not enable the **EPROM** until the **BIOS** tells the NIC to. TAG 176 the **BOOT**-Prom uses this tag for telling the loaded **operating system**, ...
www.etherboot.org/wiki/usermanual - [Cached](#) - [Similar](#)

3. [Networking Acronyms](#)

Monitor **servers**, workstations, devices and applications in your network EPP - Enhanced Parallel Port; **EPROM** - Erasable Programmable **Read**-Only Memory
LEC - LAN Emulation **Client**; LECS - LAN Emulation Configuration **Server** MS-DOS - Microsoft **Disk Operating System**; MSDP - **Multicast** Source Discovery ...
www.activexperts.com › ... › Miscellaneous - [Cached](#) - [Similar](#)

4. [The Tower of Babel](#)

Nov 1, 1995 ... PRD Printer **Driver** (file name extension) [Word] PRoP Power PC VBE/Al Vesa **Bios** Extension/Audio Interface VBR Variable Bit Rate VBRUN Visual Basic Runtime WORM **Write** Once, **Read** Many WOS Workstation **Operating System** WOSA ... WRI **Write** (file name extension) WS WordStar + Workstation WT ...
www.physiology.wisc.edu/comp/babel.html - [Cached](#)

5. [to go to page where this - ePanorama.net - Links](#)

Linux is a free, open-source **operating system** developed by Linus Torvalds, There may be cases where linux will not **boot** due to hard **disk** failures. It can also be used as a **server** to stream in unicast or **multicast** in IPv4 or The reason that manufacturers do not **write** Linux **drivers** is low volumes. ...
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6. [\[PDF\] OPERATING SYSTEM CONCEPTS](#)

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If the **client** times out, it assumes the **server** was unable to perform the remote procedure so the pipeline between the **operating system** and the **disk's read-write** head. ... system hive indicates the required **boot drivers** and loads them. (4) ... 486 instructions and also provides routines to **emulate MS-DOS BIOS** ...
naads.or.ug/manage/reports/74reportstudentmanual.pdf - [Similar](#)

7. [ATK-lyhenteet - Computer Oriented Abbreviations in Finnish ...](#)

... Digital Volt Meter DVMRP Distance Vector **Multicast** Routing Protocol DVMT Dynamic ... Port EPROCESS Executive PROCESS **EPROM** 1) Electrically Programmable **Read** LEC 1) Local Area Network **Emulation Client** 2) Local Exchange Carrier LED PC Personal Computer PC-DOS Personal Computer **Disk Operating System** PCB ...
users.utu.fi/tphleh/atk_lyhenteet.html - [Cached](#) - [Similar](#)

8. [Printer Types Dot Matrix](#)

Nov 11, 2009 ... The printer is made up of the print **driver**, the printing device, and the spooler. A WINS **server** automatically collects entries whenever a **client** is Primary partitions: • Can hold **operating system boot** files. ... Permission **Read Write** List Folder Contents **Read & Execute** Modify Full ...
www.docstoc.com/docs/15939078/Printer-Types-Dot-Matrix/ - [Cached](#)

9. [\[PDF\] Emergic Freedom \(Thin **Client** –Thick **Server**\) White Paper](#)

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thin **client** architecture uses Linux as the **operating system** with the KDE No Hard **Disk**, CDROM nor Floppy. Floppy required if **EPROM** not present on the ...
emergic.com/freedom/white_paper.pdf

10. [- - - Computing Abbreviations & Acronyms - - - DarlSoft Workshop ...](#)

OAB One-to-All **Broadcast** OAD Open Architecture **Driver** [Bernoulli] OAG POSE Palm **Operating System Emulator** POSIX Portable **Operating System** Interface for for Applications [Microsoft] VBE/BI Vesa **Bios** Extension/Audio Interface VBI W/O Without WORM **Write Once, Read Many** WOS Workstation **Operating System** ...
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